

# Exhibit P

SUPERIOR COURT OF NEW JERSEY  
LAW DIVISION - MIDDLESEX COUNTY  
DOCKET NO. MID-L-003809-18AS

KAYME A. CLARK and  
DUSTIN W. CLARK,

Plaintiffs,

v.

JOHNSON & JOHNSON, et al.,  
Defendants.

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VIRTUAL  
DEPOSITION UPON  
ORAL EXAMINATION  
OF  
WILLIAM E. LONGO  
Ph.D.  
(VOLUME II)

TRANSCRIPT of the stenographic notes  
of ANDREA F. NOCKS, a Certified Court Reporter and  
Certified Realtime Court Reporter of the State of  
New Jersey, Certificate No. XI01573, taken virtually  
on April 2, 2024, commencing at 11:18 a.m., Eastern  
Standard Time.

Job No. 6625014

1 Q. Okay. What about lizardite? How  
2 does the birefringence of lizardite compare to  
3 chrysotile and PLM?

4 A. Again, it was different.

5 Q. But you can't say whether it was --

6 A. I haven't looked at it in years. The  
7 main focus of the criticism is that nobody's ever  
8 said lizardite, nobody's ever said, antigorite. Are  
9 the experts changing their mind now? Everybody has  
10 said it's been -- what we have focused on is fibrous  
11 talc or talc plates on edge, if you talk to Mickey  
12 Gunter, who says there's no fibrous talc.

13 So, you know, initially when we were  
14 looking at this, we did look at them, but it's been  
15 years since I pulled them out.

16 Q. Okay. All right. Good time for a  
17 quick break. Want to take five --

18 A. Okay.

19 Q. -- minutes? It's 12:15. Let's try  
20 and get back on 12:20, if we can.

21 (Recess: 12:15 p.m. to 12:31 p.m.,  
22 Eastern Standard Time.)

23 BY MR. HYNES:

24 Q. So, we'll continue talking about some  
25 of your prior Johnson & Johnson chrysotile reports.

1 I'll mark a group of them now. We can sort of get  
2 through it. So, we marked the 11A, so I'll mark  
3 next another sort of group of Chinese-sourced  
4 container reports from 2021.

5 This is a March 23rd, 2021, report on  
6 nine Chinese-sourced containers with varying M  
7 numbers, all in the 60,000 range.

8 Then, I'll mark some of the newer  
9 reports from 2023 forward. I guess I'll mark this  
10 one as 12A, Project M71614, the Valadez container  
11 from February 28, 2023.

12 As 12B, I'll mark M71643 from  
13 October 19th, 2023. This is the Dean Omar report.

14 Then I'll mark as Exhibit 12C,  
15 Project M71730. This is the Henderson report from  
16 November 28, 2023.

17 As Exhibit 12D I'll mark the  
18 February 15, 2024, report on Project M71740 in the  
19 Kirch, K-i-r-c-h, case.

20 Then I'll mark as a series of  
21 exhibits under 13 some of the Vermont-sourced PLM  
22 analyses. So, first I'll mark the February 24,  
23 2020, report on M70484, the Zimmerman report.

24 Then I'll mark the April 6, 2020,  
25 M71046 Colley, C-o-l-l-e-y, report.

1 And then I will mark as Exhibit 13C  
2 the March 11, 2022, Project M71262 Klayman,  
3 K-l-a-y-m-a-n, report.

4 So, let's get into these. We'll  
5 start with the report that we were just looking at,  
6 Exhibit 11A, the 71211 report, and just get through  
7 some of the processes that you used in that report.  
8 And we'll go through, you know, some of the changes  
9 that were made over time.

10 But, if you're with me on that 11A  
11 report, if we look at page 6 of 17, there we have  
12 your walk-through of the CSM ISO PLM method, and I  
13 just wanted to confirm some things here.

14 Are you with me on page 6 of 17  
15 there?

16 A. I am.

17 Q. Okay. And so for this analysis, an  
18 early -- I guess the analyses were performed late  
19 2020/early 2021 in this M71211 report. But as part  
20 of the prep method here for the CSM method, your lab  
21 used, it looks like, heavy liquid density liquid of  
22 2.72 grams per cc, right?

23 A. Yes.

24 Q. Okay. And then the centrifugation  
25 time for this one was 500 RPM for 10 minutes at room

1 temperature, and then another round of 1800 RPM for  
2 10 minutes also at room temperature, right?

3 A. Correct.

4 Q. And then the analyses that we looked  
5 at, this was 1.550 refractive index oil, right?

6 A. Correct.

7 Q. And I think as part of this one, your  
8 lab analyzed both the light fraction, and then there  
9 were at least two analyses of the heavy --

10 (Court Reporter clarification.)

11 BY MR. HYNES:

12 Q. -- heavy pellets as part of this,  
13 right?

14 So, in the report itself, you  
15 document, I believe, the sort of the analysis of  
16 this via PLM with no liquid density separation  
17 technique, then you document the analysis of the  
18 light fraction using the CSM technique, right?

19 A. Let me get to ISO --

20 Q. Right.

21 If you get to, like, page 45, which I  
22 think is the first count sheet for one of the CSM  
23 preps, that's -- CSM which would reflect light  
24 fraction, right?

25 A. Separation. We got without, now we

1 have with.

2 Yes, you're right. Just light  
3 fraction.

4 Q. Right.

5 And then if we flip to Exhibit 11  
6 that we marked the last time around, this is that  
7 same project number, M71211, and there were also  
8 some analyses, at least, of the CSMP, which is the  
9 pellet, right?

10 A. 71211-7?

11 Q. I think if you look at the date of  
12 what's on my screen versus what you've got in your  
13 hands, these pellet analyses, I think, happened  
14 after your report was generated. Your report was  
15 January 2021, and then these pellet count sheets are  
16 May of that same year, so a little bit later in  
17 time.

18 A. Three -- yeah, you're right, it was  
19 done later.

20 Q. Right. And so in the report you've  
21 got, the January report that we marked as Exhibit  
22 11A, the CSM analyses that are reflected in the  
23 summation in that report and then the count sheets  
24 behind it, that's the analysis of the light  
25 fraction, right?

1 A. That is correct.

2 Q. And then at some point later there  
3 were at least two analyses of the heavy fraction of  
4 the pellet from two different samples from that  
5 M71211 report, and those happened in -- the two that  
6 we're aware of happened in May of 2021, right?

7 A. Correct.

8 Q. Okay. And then we looked at the  
9 report results, but your laboratory reported results  
10 in both a percent area for chrysotile as well as the  
11 structure per gram for chrysotile as part of that  
12 report, right?

13 A. Correct.

14 Q. Okay. And if we go to what I marked  
15 as Exhibit 11B, it's that March 23rd, 2021,  
16 report -- I'll share my screen here in case you  
17 don't have a copy handy.

18 Do you recognize this report,  
19 Dr. Longo, of March 23, 2021 report on nine  
20 off-the-shelf samples?

21 A. I mean, I recognize that's our  
22 report. Do I remember doing that? No.

23 Q. Okay. That's fine. We can just read  
24 along.

25 So, if we go to the method section of



1 that report which is on page 5, it looks like it's  
2 essentially the same process that was used in that  
3 January 25th report, 2.72 liquid density liquid  
4 used, right?

5 A. Yes.

6 Q. The same centrifugation process, it  
7 was the 500 RPM for 10 minutes room temperature, and  
8 then another round of 1800 RPM for 10 minutes, also  
9 room temperature, right?

10 A. Correct.

11 Q. If you go to, I'll say here, the  
12 light fraction was analyzed as part of this report,  
13 right?

14 A. That's what it states.

15 Q. Okay. And then it was analyzed by  
16 1.550 refractive index oil, right?

17 A. Yes, sir.

18 Q. And then results were reported out in  
19 both the percent weight as well as the structure per  
20 gram for chrysotile, right?

21 A. Yeah. Hold on. I want to just write  
22 the M numbers down. Those are all different.

23 Q. I believe these are --

24 A. Can we go to the very front cover  
25 letter so I can just get exact -- not that. The

1 very front page will have something on there to help  
2 me dig this up.

3 Let me get down to the date,  
4 March 23rd. All right.

5 Q. I think it's all the Chinese-sourced  
6 containers that were in your August 2017 eBay  
7 report, if you recall that.

8 Okay. And so, we're just looking at  
9 the results, but you reported out results in both  
10 structures per gram and percent weight for  
11 chrysotile in this report, right?

12 A. Yes.

13 Q. And the formula for the -- for  
14 calculating the chrysotile structures per gram is  
15 the same formula that we were looking at in the  
16 M71211 report, same total area, same area in the 30  
17 total fields of view that we were looking at the  
18 last round, right?

19 A. Yes.

20 Q. Okay. And if we flip to the, you  
21 know, the first PLM image, it looks like it's the  
22 same microscope that you guys were using in that  
23 last M71211 report, right?

24 A. Correct.

25 Q. All right. Then if we jump back in

1 time to Zimmerman, this is the February 24, 2020,  
2 report on M70484. If we jump ahead to the method  
3 here, you're again using a 2.72 liquid density  
4 liquid for the separation here, right?

5 A. Correct.

6 Q. I think you're also doing the 500 RPM  
7 for 10 minutes room temperature, and then another  
8 round of 1800 RPM for 10 minutes at room temperature  
9 centrifugation, right?

10 A. Correct.

11 Q. And in these first wave of, you know,  
12 PLM analyses from 2020, your lab was just analyzing  
13 the light fraction by PLM, right?

14 Sorry. Did you answer?

15 A. No. I'm just trying to read it.

16 I believe so.

17 Q. So the light fraction was analyzed,  
18 right?

19 A. I believe so.

20 Q. And analyzed in 1.550 index oil?

21 A. Correct.

22 Q. And at this point in time your lab  
23 was not yet reporting results in terms of structures  
24 per gram, right? It was just limited to percent by  
25 weight, right?

1 A. Correct.

2 Q. And then one thing your lab  
3 mentioned -- or you mentioned back in this report in  
4 February 2020, that you were still working on the  
5 heavy liquid density for chrysotile asbestos and by  
6 TEM.

7 And it's still true that your lab has  
8 not analyzed the Johnson & Johnson Baby Powder  
9 sample and reported results of chrysotile by TEM  
10 using that method to date, right?

11 A. Correct.

12 Q. Okay. Then we go to Colley, which  
13 I've marked. It's an April 6, 2020, report. M71046  
14 is another --

15 A. I'm sorry. M71046?

16 Q. Right.

17 A. '46. What is that, 20- -- 2020?

18 Q. Yes, sir.

19 A. Okay. Thank you.

20 Q. You're welcome.

21 And I guess I should mention just  
22 briefly, if we go back to the Zimmerman report that  
23 was on a container, one of the containers in that  
24 report was dated from 1994, right?

25 A. Correct.

1 Q. And --

2 A. M70484-001 and M70484-002.

3 Q. And if a container is from 1994 and  
4 it's the same talc that was originally in that  
5 container, it most likely would have been sourced  
6 from Vermont if it was a US market product, right?

7 A. 1994. Yes, that would be Vermont.

8 Q. Okay. Then, so we switch to Colley,  
9 Exhibit 13B, that sample dates to 1996. It would  
10 also be a Vermont source sample, right?

11 A. Yes.

12 Q. And if we go to the method here,  
13 there's a different density liquid used for this  
14 analysis than the other analyses we looked at  
15 before, right? This one has a 2.70 versus a 2.72  
16 liquid density used here, right?

17 A. Yeah. I thought I caught all those.  
18 Those were typos. We've always used 2.72, as I  
19 recall.

20 Q. Okay. So this is a typo. It would  
21 have also been 2.72?

22 A. Yes. I think that's all we ever  
23 used. I think we tried 2.70, you know, before we  
24 figured out why the pellet.

25 Q. The centrifugation process is the

1 same here, another 500 RPM for 10 minutes room  
2 temperature, and then 1800 for 10 minutes also at  
3 room temperature, right?

4 A. Yes.

5 Q. And then you also analyzed just the  
6 light fraction as part of this analysis in the  
7 Colley report, right?

8 A. Yes.

9 Q. And analyzed it by 1.550 refractive  
10 index oil, right?

11 A. Correct.

12 Q. And similar to that last report we  
13 looked at, there's no fiber per gram for chrysotile  
14 reported here; it's just reported in chrysotile  
15 percent weight, right?

16 A. Correct.

17 Q. Okay. Then we jump to the next one  
18 here, 13C. This is the March 11, 2022, report,  
19 Project M71262 on Klayman's baby powder and  
20 Shower to Shower containers.

21 Jump ahead, there are several  
22 containers in here, one from 1996 and one from 2000,  
23 that would have been sourced from Vermont-sourced  
24 talc, right?

25 A. Correct. Hold on a sec. Let me just

1 get the M number.

2 Okay.

3 Q. If we go down to the method for  
4 chrysotile here, you're again using 2.72 refractive  
5 index or heavy liquid oil for the separate technique  
6 here, right?

7 A. Correct.

8 Q. Same 500 RPM for 10 minutes at room  
9 temperature, and then 1800 for 10 minutes at room  
10 temperature centrifugation for this report, right?

11 A. Correct.

12 Q. But here, instead of analyzing the  
13 light fraction, your laboratory analyzed the heavy  
14 mineral pellet for purposes of this analysis, right?

15 A. Correct.

16 Q. Okay. You did not analyze the light  
17 fraction for the Klayman report in March of 2022,  
18 right?

19 A. I mean, unless it is in there  
20 somewhere, the answer would be no.

21 Q. Okay. And then this analysis was  
22 performed using 1.550 refractive index oil, right?

23 A. Yes.

24 Q. And then this analysis reported  
25 results in both -- in both percent weight as well as

1 structures per gram, right? This table that I'm  
2 showing you doesn't actually have the structures per  
3 gram, but if you recall, I can show you where the  
4 structures per gram is.

5 A. There it is.

6 Q. This was both percent weight and  
7 structure per gram in this report, right?

8 A. Correct.

9 Q. Okay. And then the formula for  
10 structures per gram is the same formula that we  
11 looked at in the report that we marked as 11A and  
12 11B, right?

13 It's that same 972 millimeter squared  
14 total area and 90.6 millimeter squared area for the  
15 30 total fields of view on the three mounts, right?

16 A. Yes.

17 Q. Okay. And then if we flip to one of  
18 the images here, we go to the first PLM image which  
19 appears on page 36 of this report. So, was this  
20 photograph taken using the old microscopes that were  
21 part of the analyses from, like, the M71211 report,  
22 or was this taken using the new Leica microscopes?

23 A. The new Leica microscopes.

24 Q. Okay. And so I didn't ask you about  
25 this yet. So this image is a little bit -- I guess



1 it's a little bit different from, like, what we were  
2 looking at on page 25 of Exhibit 11A.

3 So here -- you mentioned before that  
4 on the new microscope there's a scale bar at the  
5 bottom of the report, right, as opposed to just a  
6 scale underneath a particle that's under analysis,  
7 right?

8 A. Yeah. I can't quite read it, but  
9 that's where the scale bars are.

10 Q. Right.

11 And so there's -- on this particular  
12 image, page 36 of Exhibit 13C, there's a 100 micron  
13 scale bar at the very bottom of the --

14 A. That should be 25.

15 Q. That should be 25?

16 A. This was when the scope was brand  
17 new. Those were supposed to be fixed, but that's  
18 not 100.

19 Q. Okay. So, that should be 25?

20 A. Yes. I think they all show 100.  
21 That's screwed up.

22 Q. Okay. So, when the scope was brand  
23 new, I guess are there some reports where the scale  
24 bar is just incorrect on the images?

25 A. Yes.

1 Q. Okay. And how -- how would you be  
2 able to tell that the scale bar's incorrect on the  
3 images?

4 A. Because that is the 10x right there.  
5 It's 100.

6 Q. Yeah.

7 A. And if you were to lay that fiber  
8 down there, it's going to show about 30 or -- 30  
9 microns or so, and it's not. So -- let me just grab  
10 one here.

11 Anyway -- oh, here's one. If you go  
12 to the M71614 report and go to dispersion staining,  
13 exact same magnification, same everything, go to  
14 M71614-001, you can see the micron bar is 25 for  
15 that exact same, and that's correct. That's been  
16 calibrated. The analyst didn't realize that it was  
17 not calibrated at the time on a few projects.

18 Q. Okay. And so --

19 A. Go ahead.

20 Q. Yeah, so I'm clear, so we just looked  
21 at Exhibit 12A, which is the Valadez report M71614.  
22 We flipped to page 32 of that report. There's a PLM  
23 image there with a 25 micron bar at the bottom of  
24 the page there. And if we compare that to page 36  
25 of Exhibit 13C, that March 11, 2022, Klayman report,

1 I guess, Dr. Longo, it's your testimony that the 100  
2 micron scale bar at the bottom of this image should  
3 read 25 microns. Is that right?

4 A. It's 100 microns. And that's way too  
5 small for 100 microns. It should be the 25 microns  
6 at this magnification for this microscope.

7 Q. Okay. And so, you said that there  
8 were some projects for which there are scale bars  
9 like this one taken using the new Leica microscope  
10 that are inaccurate.

11 Has your laboratory gone back and  
12 revised those reports to include updated, corrected  
13 scale bars?

14 A. There were a of couple projects. I  
15 thought we got them all. It may have been before we  
16 sent them out. Obviously, I missed this one, so I'm  
17 going to have to deal with it.

18 Q. Okay. And then for -- I guess walk  
19 me through, when did your laboratory realize that  
20 some of the M projects using the new microscope had  
21 an incorrect scale bar associated with some of the  
22 PLM photomicrographs?

23 A. I couldn't tell you when, but I  
24 remember catching it at some point and going back  
25 because all of a sudden they changed, and going back

1 to talk to -- I forget which analyst it was. And I  
2 thought we got them all, but I couldn't give you a  
3 date.

4 Q. And then what was the, sort of, next  
5 step? Did your laboratory then go through a  
6 calibration process to reset the scaling for the new  
7 Leica microscopes in your lab? What happened next?

8 A. Well, it was on a default of 100  
9 microns. It had to be -- the computer program had  
10 to be recalibrated by putting in the size. I forget  
11 exactly how it did it, but -- so, it gave -- then it  
12 gave the proper -- but I don't remember exactly how  
13 the computer system works on that aspect of it.

14 Q. And I guess catching the scale issue,  
15 that must have happened at some point after March of  
16 2022 when this Klayman report was issued, right?

17 A. Whenever this analysis was done on  
18 this project.

19 Q. Right. So I guess --

20 A. You have to look at the analysis. A  
21 lot of times -- the report going out the door  
22 doesn't necessarily mean that's when the analysis  
23 was done. See, this was done in April of 2021.

24 Q. Okay. So, I guess, all we know  
25 sitting here today is at some point between April of

1 2021 when the Klayman analyses performed, and then  
2 February of 2023 when the Valadez analyses were  
3 performed, there is a calibration process to fix the  
4 scale bar that was used in the Klayman report for  
5 subsequent analyses performed using a new Leica  
6 microscope, right?

7 A. Well, it's right that it was long  
8 before the Valadez one, because if we go to the --  
9 this is the old scope. Never mind.

10 Anyway, I don't know exactly when,  
11 but it was long before the Valadez.

12 Q. I guess while we're here, let's talk  
13 a little bit about the Valadez report.

14 So, on this one, I just wanted to  
15 talk through the method here.

16 So, here is -- I guess at some point  
17 after the Klayman analyses in 2021 and when we get  
18 to the Valadez analyses in 2023, your lab starts  
19 using a 2.65 liquid density heavy liquid for  
20 purposes of chrysotile separation technique, right?

21 A. Incorrect.

22 Q. Okay. Tell me what's incorrect.

23 A. Yes.

24 Q. I am correct?

25 A. Correct. We started using 2.65.

1 Q. Okay. So, this Valadez report from  
2 February 2023, there's a 2.65 liquid used, and then  
3 there's a different, sort of centrifugation  
4 technique, used.

5 I guess, first, before the  
6 centrifugation process starts, there's a vigorous  
7 shaking for 10 to 20 seconds by the person doing the  
8 analysis. That's new, right?

9 A. I don't think so. I thought we had  
10 been doing that for a while.

11 Q. Okay. If I see -- right. If we go  
12 to, like, Exhibit 11A, the January 25, 2021, report,  
13 there's no discussion of vigorous shaking as part of  
14 the preparation process there, right?

15 A. Yeah. I have to go back and check  
16 because I thought that was something we routinely  
17 did for a while, but it doesn't really matter.

18 Q. Okay. And then next, the  
19 centrifugation process here is different from what  
20 we were looking at in those other reports, right?  
21 This one is placed at 2,000 RPM for 92 hours at room  
22 temperature, right?

23 A. Correct.

24 Q. Okay. So it goes from a 20-minute  
25 process to now multiple days, right?

1 A. Correct.

2 Q. And then for purposes of this  
3 analysis, in February 2023, your lab analyzed the  
4 light fraction, right?

5 A. Yes.

6 Q. Okay. And you analyzed it in 1.560  
7 refractive index oil, right?

8 A. Correct.

9 Q. And then you reported results in both  
10 percent weight as well as structures per gram here,  
11 right, if you look on page 9 of this report?

12 A. Yes.

13 Q. Okay. And then for Exhibit 12B, this  
14 is the M71643 report from October 19, 2023, go  
15 through the process here.

16 So, here in this report you're also  
17 using a 2.65 liquid, right?

18 A. A 2.65, yes.

19 Q. And then there's this vigorous  
20 shaking performed for 10 to 20 seconds, right?

21 A. Correct.

22 Q. Then another slightly different  
23 centrifugation process here. It's 2,000 RPMs for 72  
24 hours at 15 degrees Celsius, right?

25 A. Correct.

1 Q. So, it's a different amount of time  
2 than that last report we looked at. You go from 92  
3 hours to 72 hours, right?

4 A. Yeah, I think that 92's a typo. It's  
5 always been 72, and we upped the time.

6 Q. And then this 15 degrees Celsius, why  
7 the change from room temperature to 15 degrees  
8 Celsius?

9 A. Because the -- we determined that the  
10 centrifugation at the time was heating up, spinning  
11 it that long. So, to heat up the liquid density --  
12 the heavy density liquid, it's going to change the  
13 viscosity -- I mean, it's going to change the  
14 density because it's changing the viscosity. So, we  
15 put it at 15 degrees. We have it -- now it's back  
16 at room temperature, but it's at room temperature  
17 with the air-conditioning system on, so it doesn't  
18 ever go above room temperature. Keeps it right  
19 there.

20 Q. And then I guess I didn't ask, why  
21 did your laboratory go from a 20-minute  
22 centrifugation process to now a multiple-day  
23 centrifugation process?

24 A. Because we took the SG-210 and put in  
25 a fair amount so that we could see it into the heavy



1 liquid density; we spun it for what we were spinning  
2 it before, and it didn't really separate. So we  
3 moved it up 72 hours. It doesn't separate on 72  
4 hours. Something's going on. Took it out at 72  
5 hours, and all the Calidria was at the light  
6 fraction. That's why we went to 72 hours.

7 Now, it may be 48, 24, I don't know,  
8 but we sort of did. If it doesn't separate on 72  
9 hours, that's a problem. That's why we're doing it  
10 now. But hopefully, we'll get that down to where we  
11 run four samples, you know, with the Calidria, 72,  
12 48, 24, you know, maybe six hours or something, so  
13 that -- 'cause 72 hours is a burden to get a sample  
14 done.

15 Q. Tell me more about that SG-210  
16 centrifugation experiment. Is that SG-210 on its  
17 own in this 2.65 liquid density liquid or is it  
18 SG-210 spiked into another medium and then placed  
19 into the --

20 A. No, it was just in the heavy liquid  
21 density material --

22 Q. Okay.

23 A. -- to see if it would all move to the  
24 light fraction, and it did. 'Cause you could see  
25 it, you know. It didn't have the talc in there.

1 Q. And did you do anything to the SG-210  
2 material prior to adding it to the heavy liquid  
3 density liquid such as, you know, grinding, milling,  
4 mortar and pestle, anything to it, prior to adding  
5 it to this heavy liquid?

6 A. No. No, no, and no. There would be  
7 no reason to do any of that. It's at the -- the  
8 SG-210 has the same length and width that we're  
9 seeing in the cosmetic talc.

10 Q. Does your laboratory have any written  
11 documentation regarding this SG-210 centrifugation  
12 experiment?

13 A. No, it was just a simple -- usually  
14 the simplest answers are right.

15 Q. Okay. And then if we continue along  
16 with this Exhibit 12B, again, here you just analyzed  
17 the light fraction as part of this October 19, 2023,  
18 report, right?

19 A. Correct.

20 Q. And that was analyzed by 1.560  
21 refractive index oil, right?

22 A. Correct.

23 Q. And you reported results in both --  
24 both the percent weight and structures per gram for  
25 chrysotile, right?

1 A. Correct.

2 Q. If we go to 12C, this is the November  
3 28, 2023, Henderson report. If we go to the CSM  
4 sample preparation process there, this is the same  
5 process we just looked at for the October Dean Omar  
6 report. This is 2.65 heavy liquid, right?

7 A. Correct.

8 Q. Same 10 to 20 vigorous shaking  
9 followed by 2,000 RPM for 72 hours at 15 degrees  
10 Celsius, right?

11 A. Correct.

12 Q. Then you analyze just the light  
13 fraction, right?

14 A. Correct.

15 Q. And you analyze it at 1.560  
16 refractive index oil, right?

17 A. Correct.

18 Q. And the reporting for this one is in  
19 both percent weight for chrysotile and structures  
20 per gram for chrysotile, right?

21 A. Correct.

22 Q. And then the most recent report is  
23 this February 15, 2024, M project 71740. If we jump  
24 to the prep on page 4 there, it looks like it's the  
25 same that we just went through except for this one

1 change you just mentioned, where it's back to 21  
2 degrees Celsius room temperature for the  
3 centrifugation process as opposed to the 15 degree  
4 Celsius, right?

5 A. Correct. With the  
6 air-conditioning -- it has a cooling system set to  
7 keep it at 21, because the long spinning time, it  
8 gets warm.

9 Q. Okay. But aside from that, 2.65  
10 heavy liquid, right?

11 A. Yes.

12 Q. Same 10 to 20 seconds vigorous  
13 shaking, 2,000 RPM for 72 hours, right?

14 A. Correct.

15 Q. Light fraction only analyzed?

16 A. Correct.

17 Q. And that 1.560 index oil used for the  
18 analysis, right?

19 A. Correct.

20 Q. And then reporting is in terms of  
21 percent by weight and structures per gram, right?

22 A. Correct.

23 Q. And then on the structure per gram  
24 reports, so if we go to 11B, it jumped to basically  
25 the first count sheet there on page 52 of Exhibit

1 11B. There's a MAS PLM analysis worksheet there,  
2 but behind it is just the photomicrographs  
3 associated with that analysis.

4 There are not, Dr. Longo, these  
5 chrysotile in talc by PLM-count sheet worksheets  
6 attached to Exhibit 11B, right?

7 It's just the standard MAS, LLC, PLM  
8 analysis worksheet for each one of the CSM analyses  
9 performed in that report, right?

10 A. I guess so.

11 Q. And then same question for -- I guess  
12 we'll go in chron order -- the Klayman report,  
13 Exhibit 13C. We go to just page 31 -- actually,  
14 let's go to CSM. If we go to page 57 of what's been  
15 marked as Exhibit 13C, the March 11, 2022, report,  
16 we have just the standard MAS PLM analysis worksheet  
17 there. Behind it are the photomicrographs  
18 associated with that first analysis on M71262-001  
19 CSM.

20 Like what we just looked at, there  
21 aren't these chrysotile in talc by PLM-count sheet  
22 documents attached to the report that we marked as  
23 Exhibit 13C, right?

24 A. That's correct.

25 Q. And then same question for the

1 Valadez report. If we jump, in Exhibit 12A, that  
2 first analysis there on page 31, we again have just  
3 the MAS standard PLM analysis worksheet, and then  
4 right behind it are the photomicrographs.

5 There are none of these chrysotile in  
6 talc by PLM-count sheets attached to what we marked  
7 as Exhibit 12A, correct?

8 A. Correct.

9 Q. Same question on 12B, the October  
10 2023 Dean Omar report. If we jump ahead to page 30  
11 of that report, we have the first PLM-count sheet,  
12 the Materials Analytical Services PLM analysis  
13 sheet. Immediately behind it are the  
14 photomicrographs associated with that part of the  
15 analysis.

16 What we don't have in this report are  
17 any of these chrysotile in talc by PLM-count sheet  
18 documents, right?

19 A. That's correct.

20 Q. Okay. Same question on 12C. This is  
21 the Henderson report from November of 2023. If we  
22 jump ahead to page 30 of that report, we've got the  
23 PLM analysis sheet here followed by the  
24 photomicrographs associated with that analysis.

25 We don't have these chrysotile in

1 talc by PLM-count sheet documents attached to the  
2 report that's been marked as 12C, right?

3 A. That's correct.

4 Q. Okay. And then similarly, the  
5 February 2024 report on M71740. If we jump ahead to  
6 page 31 of that report, we have another one of these  
7 MAS PLM analysis count sheets followed by the  
8 photomicrographs.

9 What we don't have associated with  
10 that report are these chrysotile in talc by  
11 PLM-count sheets, right?

12 A. That is correct.

13 Q. And I have another question on 13C.  
14 So, for purposes of the fiber per gram calculations  
15 that were used in the Klayman report from March 11,  
16 2022, it's the same formula here that was used in  
17 the earlier reports we had looked at from 2021,  
18 right? Using the 90.6 millimeter squared area for  
19 30 total fields of view on three mounts on the two  
20 glass slides, right?

21 A. Yes.

22 Q. Okay. But here your lab was using  
23 the newer Leica microscope, right? We had looked at  
24 that, you know, image on page 36.

25 This is from the newer Leica

1 microscope as opposed to the older microscope that  
2 was used as part of the 2021 reports, right?

3 A. Yes.

4 Q. And you had stated earlier that the  
5 newer microscope, the formula changed for  
6 calculating the structure per gram using the newer  
7 microscope versus the older microscope, right?  
8 There's a different area for the A-2 value in the  
9 new microscope, right?

10 A. Correct.

11 Q. Okay. And so -- and that new figure  
12 for the new microscope is 183.55 millimeter squared,  
13 right?

14 A. Correct.

15 Q. And so, were these structure per gram  
16 calculations performed using the 90.6 millimeter  
17 squared associated with the old microscope or was it  
18 performed with the new 23.55 millimeter squared from  
19 the new microscope?

20 A. It would be the new microscope --  
21 well, what it is, is that the old spreadsheet was  
22 used, the calculation, and not the new. So that was  
23 wrong. And we just -- we didn't get around to  
24 fixing it. It would have made -- going to the same  
25 count for the smaller area size, the amount of



1 chrysotile bundles in there would have been much  
2 higher, but we didn't ever get around to fixing it.

3 Q. Would that have any effect on the  
4 percent by weight reported in this report or that  
5 would just be limited to the --

6 A. No. It wouldn't have an effect on  
7 that 'cause that's, basically, a visual estimate  
8 versus actually doing a calculation of the area,  
9 looking in, et cetera. So, it would have no effect  
10 on that.

11 Q. Okay.

12 A. What's the M number on that again?  
13 I'm going to make somebody fix that report.

14 Q. 71262.

15 A. 71262. Wrong area. PLM area. Okay.

16 Q. All right. Okay. I don't think I  
17 asked you this on day one, but is it still true that  
18 you have not performed a simulation study using any  
19 Johnson & Johnson container sourced from Vermont,  
20 correct?

21 A. That's still correct.

22 Q. And you have not performed any sort  
23 of simulation study using a Johnson & Johnson  
24 container sourced from Chinese talc, correct?

25 A. That is still correct.

## 1 CERTIFICATE OF OFFICER

2  
3 I CERTIFY that the foregoing is a true  
4 and accurate transcript of the testimony and  
5 proceedings as reported stenographically by me at  
6 the time, place and on the date as hereinbefore set  
7 forth.

8 I DO FURTHER CERTIFY that I am neither  
9 a relative nor employee nor attorney or counsel of  
10 any of the parties to this action, and that I am  
11 neither a relative nor employee of such attorney or  
12 counsel, and that I am not financially interested in  
13 the action.

14 

15 -----  
16 ANDREA NOCKS, CCR, CRR

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17 Certificate No. XR00011300  
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